

# Testing & $\geq 5$ $\mu\text{g/dL}$ Counts & Rates for Texas Children Under Age 6 by County in 2016

*Texas Childhood Lead Poisoning Prevention Program*



*L.J. Smith, Epidemiologist*  
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# Objectives:

- Examine counts and rates for children tested for lead and for those with blood lead levels  $\geq 5\mu\text{g/dL}$ 
  - Texas children age 0-5 years
  - By 10 counties with the highest populations of children in that age category



# Texas Counties with Highest Population of Children Age 0-5\*

Location	Population Rank	Population under Age 6	Children Tested	Testing Rate	Children $\geq 5\mu\text{g/dL}$	$\geq 5\mu\text{g/dL}$ Rate
TEXAS		2,432,640	346,012	142.24	6,842	2.81
UNKNOWN		NA	31,337	NA	381	NA
HARRIS	1	417,912	68,729	164.46	1,000	2.39
DALLAS	2	245,263	33,672	137.29	719	2.93
BEXAR	3	170,353	23,906	140.33	545	3.20
TARRANT	4	168,507	13,015	77.24	227	1.35
TRAVIS	5	107,825	12,012	111.40	215	1.99
HIDALGO	6	96,907	14,036	144.84	268	2.77
EL PASO	7	86,788	11,375	131.07	242	2.79
COLLIN	8	68,587	4,858	70.83	88	1.28
DENTON	9	61,295	3,928	64.08	55	0.90
CAMERON	10	50,592	11,897	235.16	204	4.03

Testing and  $\geq 5\mu\text{g/dL}$  rates are per 1,000 children age 0-5, among given populations\*



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TEXAS		2,432,640	346,012	142.24	6,842	2.81
FORT BEND	11	50,177	5,230	104.23	52	1.04
MONTGOMERY	12	41,244	4,142	100.43	54	1.31
WILLIAMSON	13	40,069	4,344	108.41	65	1.62
BELL	14	38,191	3,844	100.65	65	1.70
WEBB	15	32,911	4,941	150.13	59	1.79
NUECES	16	30,190	3,019	100.00	52	1.72
BRAZORIA	17	30,098	2,396	79.61	24	0.80
LUBBOCK	18	27,275	2,211	81.06	29	1.06
GALVESTON	19	25,186	2,778	110.30	97	3.85
BRAZOS	20	22,331	2,364	105.86	36	1.61

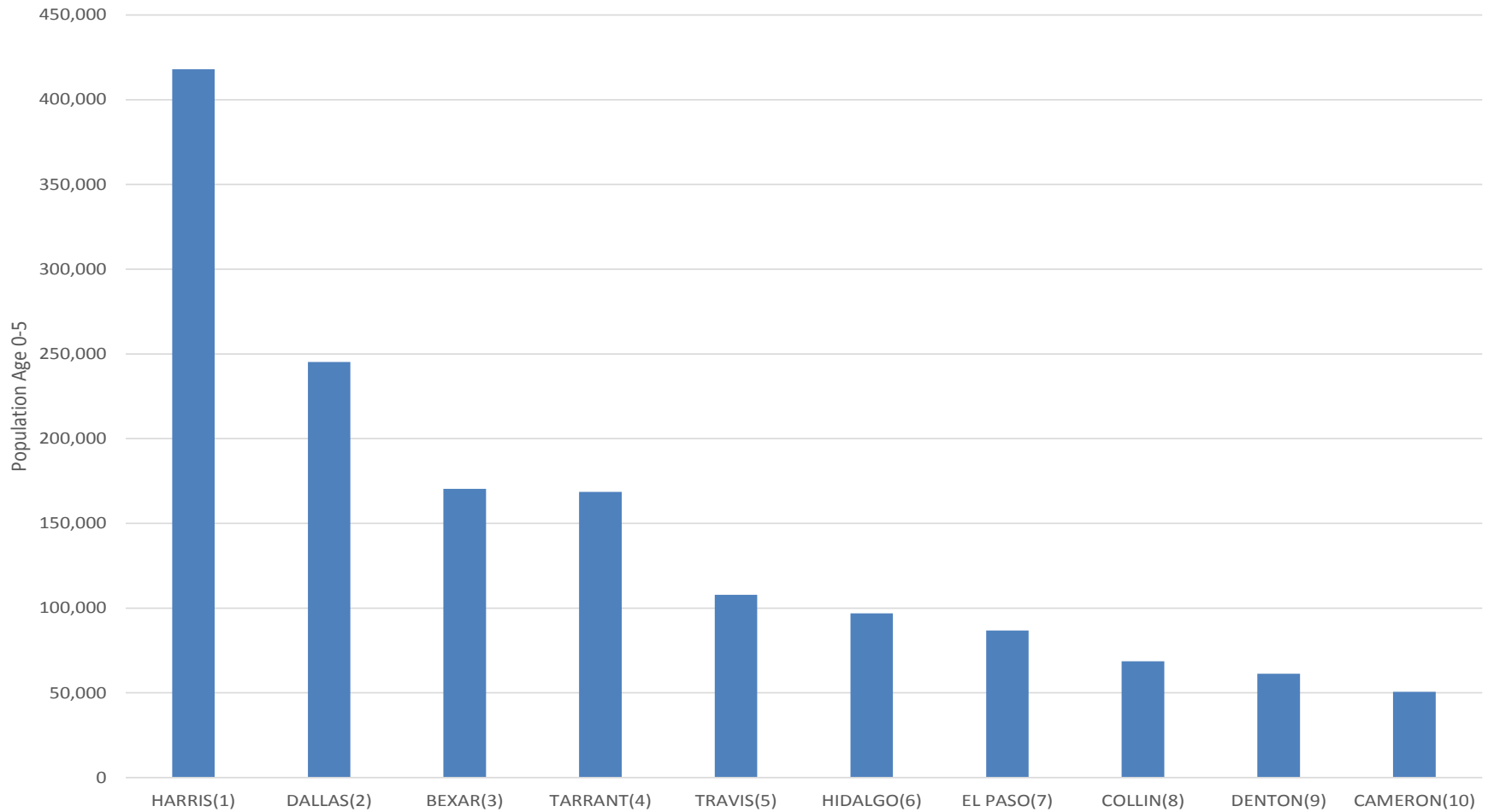
Testing and  $\geq 5\mu\text{g/dL}$  rates are per 1,000 children age 0-5, among given populations\*



The following slides contain graphic representations of those selected 10 Counties which have the highest population of children which are 0-5 years old. Along with the county name, each county will show respective county rank.



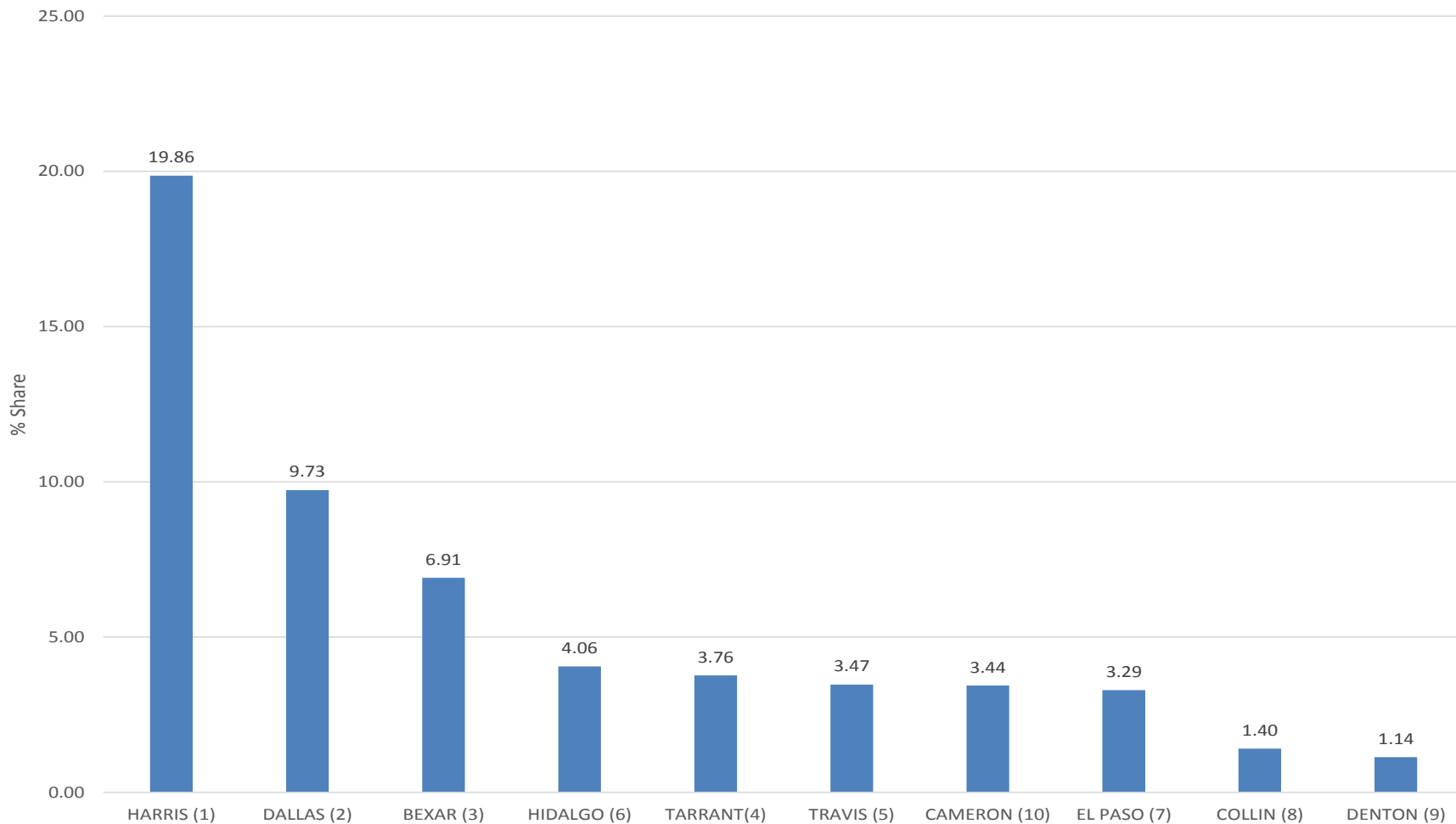
Texas Population Estimates, Ten Most Populated Counties for Children Age 0-5, 2016\*



\*Age-specific population estimates from Texas Department of State Health Services Center for Health Statistics



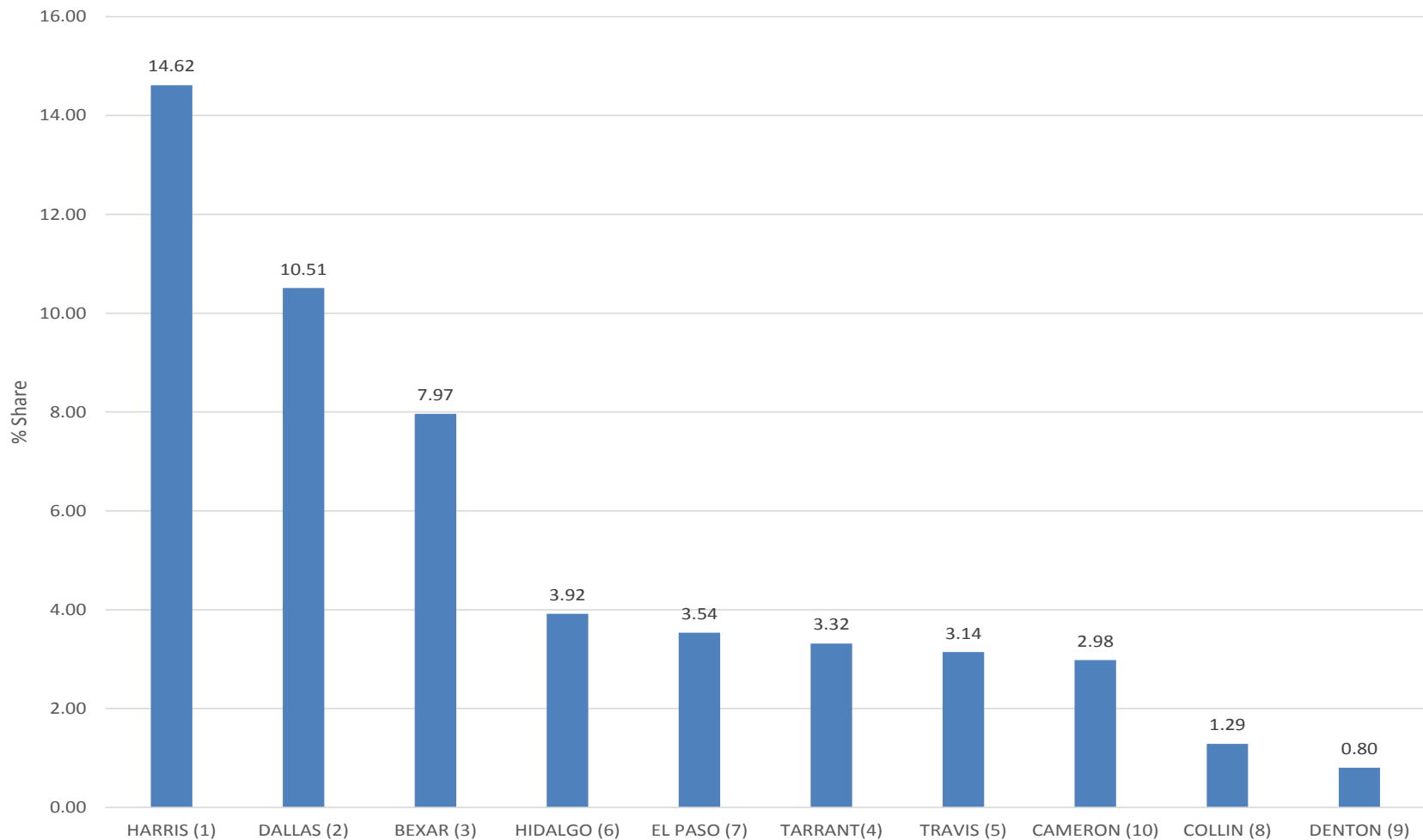
### Selected Counties by %Share of State's Children Age 0-5 Tested for Lead, 2016\*



\*N=346,012. Calculations based counts for unduplicated tests



### Selected Counties by %Share of State's Children Age 0-5 with a Blood Lead Level $\geq$ 5 $\mu$ g/dL, 2016\*

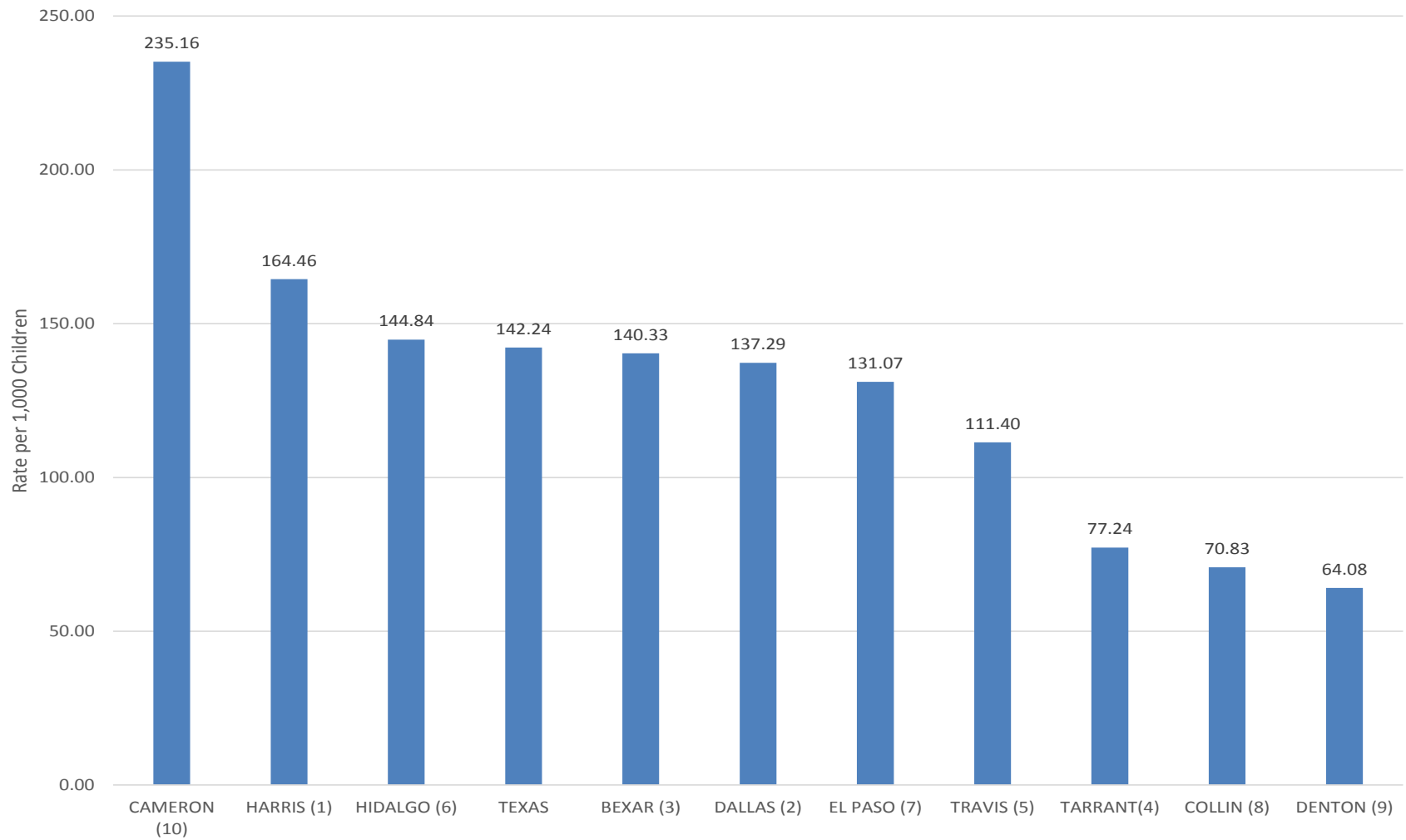


\*Calculated using unduplicated counts for a child's highest blood lead level  $\geq$  to 5 $\mu$ g/dL in 2016

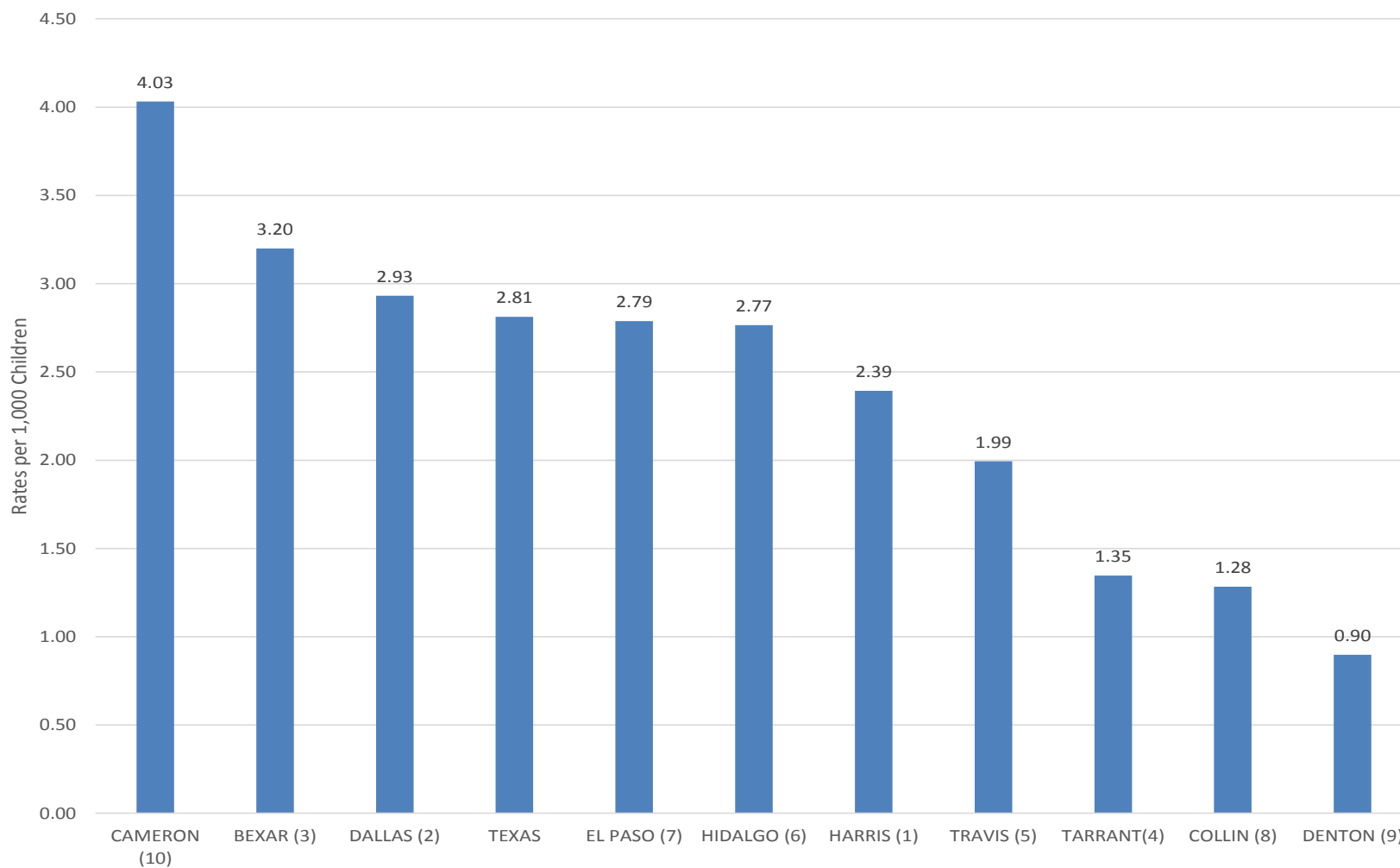




Testing Rates by Selected Texas Counties for Children, per 1,000 Age 0-5 Population, 2016\*



Rates for Children with a Blood Lead Level  $\geq 5$ , per 1,000 Age 0-5 Population, 2016



## Summary

Please keep in mind that comparisons to Texas rates do not necessarily designate those rates as adequate baseline goals.

- Harris County ranked number 1 had a rate of testing and a rate of children  $\geq 5\mu\text{g/dL}$  (164.46 and 2.39 respectively) compared to Texas (142.24 and 2.81 respectively).
- Dallas County ranked number 2 had a rate of testing and a rate of children  $\geq 5\mu\text{g/dL}$  (137.29 and 2.93 respectively) compared to Texas (142.24 and 2.81 respectively).
- Bexar County ranked number 3 and had a testing rate and  $\geq 5\mu\text{g}$  rate of (140.33 and 3.20 respectively) compared to the Texas rate (142.24 and 2.81 respectively).
- Tarrant County ranked number 4 and had a testing rate and  $\geq 5\mu\text{g}$  rate of (77.24 and 1.35 respectively) compared to the Texas rate (142.24 and 2.81 respectively).
- Travis County ranked number 5 and had a testing rate and  $\geq 5\mu\text{g}$  rate of (111.40 and 1.99 respectively) compared to the Texas rate (142.24 and 2.81 respectively).



## Summary (continued)

- Hidalgo County ranked number 6 and had a testing rate and  $\geq 5\mu\text{g}$  rate of (144.84 and 2.77 respectively) compared to the Texas rate (142.24 and 2.81 respectively).
- El Paso County ranked number 7 and had a testing rate and  $\geq 5\mu\text{g}$  rate of (131.07 and 2.79 respectively) compared to the Texas rate (142.24 and 2.81 respectively).
- Collin County ranked number 8 and had a testing rate and  $\geq 5\mu\text{g}$  rate of (70.83 and 1.28 respectively) compared to the Texas rate (142.24 and 2.81 respectively).
- Denton County ranked number 9 and had a testing rate and  $\geq 5\mu\text{g}$  rate of (64.08 and 0.90 respectively) compared to the Texas rate (142.24 and 2.81 respectively).
- Cameron County ranked number 10 had the highest rate of testing and the highest rate of Children  $\geq 5\mu\text{g/dL}$  (235.16 and 4.03 respectively) compared to Texas (142.24 and 2.81 respectively).



# ■ Comments or Questions?





Thanks!  
L. J. Smith

*Texas Childhood Lead Poisoning  
Prevention Program*

[LJ.Smith@dshs.state.tx.us](mailto:LJ.Smith@dshs.state.tx.us)

512-776-7151



Texas Department of State  
Health Services

